Explore

Implement a threeshold decryption Service.

55

...

I Possible to perform

Explore-go

A common package using to lang tent provides assential utilities.

Read mensurary information to understay and

Threshold Creptugraphy

Consider

construction of ruboust and secure funeshold Schemes.

Action Itemso

- 1. cithurb respisitory for "explore-go" repo
- 2. Research carefuly to come up with possible best solution for this specufic problem domain.

Moke -2 Mught be fit Pair based Cryphography W Shamir's Secret Sharring Distributed System) KMS = Key Manarement Services DS = Dereption Service Thrushold Based -> Security Exercel wise - Threshold Chartenous Migh Md Shalythan (Hasan) an/off DS Decrapt Onestions Messeege 10 what types of Crateway Service do we need? (Crateway as a Proxy / Gateway as onehighration)

/ pairting-paran (Key-shares / public-key pastial-decryt anteway Senvices (Orchestration) pairting Ly/decrypt Ly act "key-shanes" Initialization From KN/S / Key-shares during initialization from KMS y auto DS service with client provide ciphentent and KMS retrieved "key shares" compoine results

Note-4 threshold Decryption; Consider Asynchronous wad anteway Chammel, ho noutburne, concurring (bench monk) Service Consider & resiliency of distributed System - Retry, Ratelimit, Retry amdibintion

Note 4.1

& Service to Survice health check & Retry with considering amphificulism, exponential bank off (jail fast approach when needed).

Request Id to distributed logging.

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Le actemay service as a Orcehestration

Think of roboust and

scaletie way.

Mukation Testing

Rate Limitized

whate limiting => we have limiting => we many more.